

TOP SECRET RUFF

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Attachment to [REDACTED]
27 April 1971
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25X1

REFERENCE TO:
MISSION KH 1112RANGEHEAD TRACKING FACILITIES
WU-CHAI SSM LAUNCH COMPLEX
CHINA

1. SIGNIFICANCE: FIRST IDENTIFICATION OF THREE SSM TRACKING
FACILITIES WHICH ARE ASSOCIATED WITH THE
WU-CHAI SSM LAUNCH COMPLEX

2. LOCATION: WU-CHAI SSM TRACKING FACILITY [REDACTED] 25X1
IS LOCATED AT 38-51-40N 111-43-00E, 6 NM EAST-
SOUTHEAST OF WU-CHAI SSM LAUNCH SITE 2.

HEI-YU-KOU SSM TRACKING FACILITY [REDACTED] 25X1
IS LOCATED AT 38-30-40N 110-55-30E, 38 NAUTICAL
MILES (NM) SOUTHWEST OF WU-CHAI SSM LAUNCH SITE
2.

PIEN-KUAN SSM TRACKING FACILITY [REDACTED] 25X1
IS LOCATED AT 39-23-26N 111-11-43E, 36NM NORTH-
NORTHWEST OF WU-CHAI SSM LAUNCH SITE 2.

WU-CHAI SSM LAUNCH SITE 2 [REDACTED] IS 25X1
LOCATED AT 38-52-55N 111-35-27E, 11 NM WEST OF
THE TOWN OF WU-CHAI.

3. REMARKS: THE THREE SSM TRACKING FACILITIES EACH CONTAIN
A DOMED INSTRUMENTATION BUILDING UNDER

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GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
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CONSTRUCTION. THE NEW INSTRUMENTATION BUILDINGS ARE PROBABLY BEING CONSTRUCTED TO SUPPORT WU-CHAI SSM LAUNCH SITE 2, A PROTOTYPE SILO SITE NOW ENTERING THE LATE STAGE OF CONSTRUCTION. THE DOMED INSTRUMENTATION BUILDING AT EACH OF THE THREE TRACKING FACILITIES WAS NEGATED IN JULY OR AUGUST 1970 AND ALL THREE BUILDINGS APPEAR TO HAVE ESSENTIALLY THE SAME CONSTRUCTION CHRONOLOGY.

WU-CHAI SSM TRACKING FACILITY

A CABLE SCAR CONNECTS THE SSM TRACKING FACILITY TO A POSSIBLE ELECTRONICS AREA ON THE WEST EDGE OF WU-CHAI SSM MAIN SUPPORT BASE [REDACTED] LOCATED AT 38-48-51N 111-36-40E, 4.6 NM SOUTH OF WU-CHAI SSM LAUNCH SITE 2. THIS CABLE SCAR ALSO CONNECTS TO A LAND-LINE COMMUNICATIONS NET WITHIN THE WU-CHAI SSM LAUNCH COMPLEX.

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HEI-YU-KOU SSM TRACKING FACILITY

MOBILE ELECTRONICS EQUIPMENT, POSSIBLY FOR SSM TRACKING, HAS BEEN OBSERVED ON AT LEAST SEVEN MISSIONS SINCE [REDACTED]

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HOWEVER, SMALL SCALE PHOTOGRAPHY PRECLUDED
ANY DESCRIPTION OR VERIFICATION OF THE
FUNCTION OF THIS EQUIPMENT.

PIEN-KUAN SSM TRACKING FACILITY

THE DOMED INSTRUMENTATION BUILDING IS LOCATED
IN THE OPERATIONS AREA (AREA A) OF THE SSM
TRACKING FACILITY. THE ENTIRE FACILITY CON-
SISTS OF AN OPERATIONS AREA (AREA A), AN
ADMINISTRATION AND HOUSING AREA (AREA B),
AND AN AREA WITH A LARGE EXCAVATION AND AN
ASSOCIATED CONSTRUCTION SUPPORT AREA (AREA C).
A CABLE SCAR CONNECTS THE ADMINISTRATION AND
HOUSING AREA TO THE OPERATIONS AREA AND TO THE
LARGE EXCAVATION IN AREA C; A ROAD CONNECTS
ALL THREE AREAS.

4. PAST COVERAGE: WU-CHAI SSM TRACKING FACILITY WAS COVERED ON
TWO KH-4 MISSIONS AND [REDACTED] 25X1
HEI-YU-KOU SSM TRACKING FACILITY WAS COVERED
ON 13 KH-4 MISSIONS.
PIEN-KUAN SSM TRACKING FACILITY WAS COVERED
ON SIX KH-4 [REDACTED] 25X1

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5. NEGATION DATE: WU-CHAI SSM TRACKING FACILITY - 25X1

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HEI-YU-KOU SSM TRACKING FACILITY - 25X1

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PIEN-KUAN SSM TRACKING FACILITY 25X1

25X1

6. FIRSTIDENTIFICATION: WU-CHAI SSM TRACKING FACILITY WAS FIRST

OBSERVED UNDER CONSTRUCTION 25X1

25X1

HEI-YU-KOU SSM TRACKING FACILITY WAS FIRST

OBSERVED UNDER CONSTRUCTION 25X1

25X1

PIEN-KUAN SSM TRACKING FACILITY WAS FIRST

OBSERVED UNDER CONSTRUCTION 25X1

25X1

7. MISSIONREADOUT:WU-CHAI SSM TRACKING FACILITY

THE WU-CHAI SSM TRACKING FACILITY CONTAINS A DOMED INSTRUMENTATION BUILDING SIMILAR IN SIZE AND SHAPE TO THE INSTRUMENTATION BUILDINGS AT THE OTHER TWO TRACKING FACILITIES.

THE EXTERIOR OF THE INSTRUMENTATION BUILDING AND DOME

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APPEARED TO BE COMPLETE. ONE BARRACKS AND ONE SUPPORT BUILDING, POSSIBLY FOR VEHICLE/EQUIPMENT STORAGE, WERE ALSO OBSERVED. LATER SMALL-SCALE COVERAGE

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REVEALED THAT FOUR ADDITIONAL SUPPORT BUILDINGS

(POSSIBLY THREE BARRACKS AND A MESSHALL) WERE UNDER CONSTRUCTION. THE INSTRUMENTATION BUILDING WAS OBSCURED BY CLOUDS ON THE SAME MISSION.

HEI-YU-KOU SSM TRACKING FACILITY

HEI-YU-KOU SSM TRACKING FACILITY CONTAINS AN INSTRUMENTATION BUILDING WITH A POSSIBLY INCOMPLETE DOME, THREE CLEARED SITES FOR PARKING MOBILE ELECTRONICS EQUIPMENT (POSSIBLY FOR SSM TRACKING), AND ASSOCIATED VEHICLES AND VANS. THE INSTRUMENTATION BUILDING IS SIMILAR IN SIZE AND SHAPE TO THE INSTRUMENTATION BUILDING IN THE OPERATIONS AREA OF THE PIEN-KUAN SSM TRACKING FACILITY 55 NM TO THE NORTH. THE INSTRUMENTATION BUILDING AT HEI-YU-KOU WAS NOT PRESENT

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IT WAS CONSTRUCTED ON THE SITE OF A POSSIBLE VEHICLE/EQUIPMENT STORAGE BUILDING WHICH WAS MOVED APPROXIMATELY 15 METERS (50 FEET) TO THE WEST BETWEEN

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THE DATE OF THE MOST RECENT CLOUD-FREE PHOTOGRAPHY

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ONE SMALL SUPPORT BUILDING WAS ALSO CONSTRUCTED ON THE EAST SIDE OF THE INSTRUMENTATION

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BUILDING BETWEEN

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A BARRACKS AND SUPPORT AREA AT THE CENTER OF THE FACILITY CONTAINS FOUR BARRACKS, A MESSHALL, FOUR POSSIBLE VEHICLE/EQUIPMENT STORAGE BUILDINGS, A POSSIBLE ADMINISTRATION AND CONTROL BUILDING, AND THREE SUPPORT BUILDINGS.

CONSTRUCTION WAS FIRST OBSERVED

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AND, WITH THE EXCEPTION OF THE INSTRUMENTATION BUILDING AND THE SMALL SUPPORT BUILDING, HAS BEEN COMPLETE SINCE

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OPERATIONS AREA, PIEN-KUAN SSM TRACKING FACILITY

LOCATED ON THE WEST EDGE OF THE SSM TRACKING FACILITY AT APPROXIMATELY 39-23-26N 111-11-43E, THE OPERATIONS AREA OF THE PIEN-KUAN SSM TRACKING FACILITY CONTAINS AN INSTRUMENTATION BUILDING WITH A DOME IN DIAMETER AT ONE END. THE EXTERIOR OF THE INSTRUMENTATION BUILDING AND DOME APPEARED TO BE COMPLETE ON

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ONE LARGE SUPPORT BUILDING WAS ALSO OBSERVED IN THE OPERATIONS AREA.

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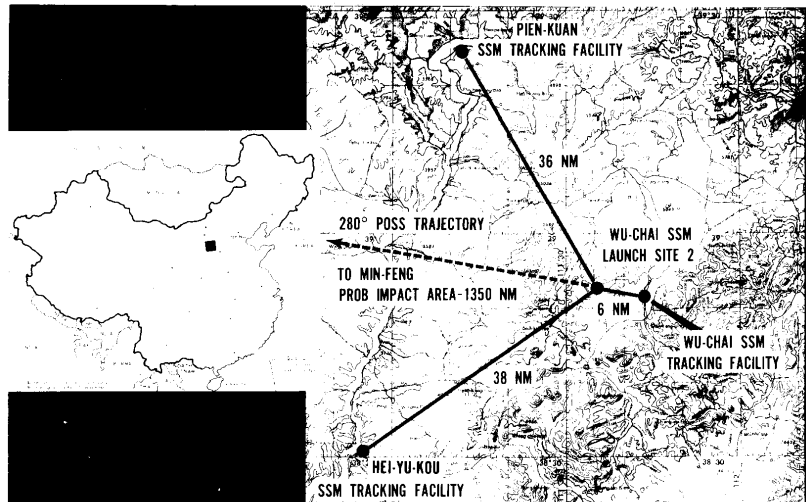
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RANGEHEAD TRACKING FACILITIES WU-CHAI SSM LAUNCH COMPLEX, CHINA

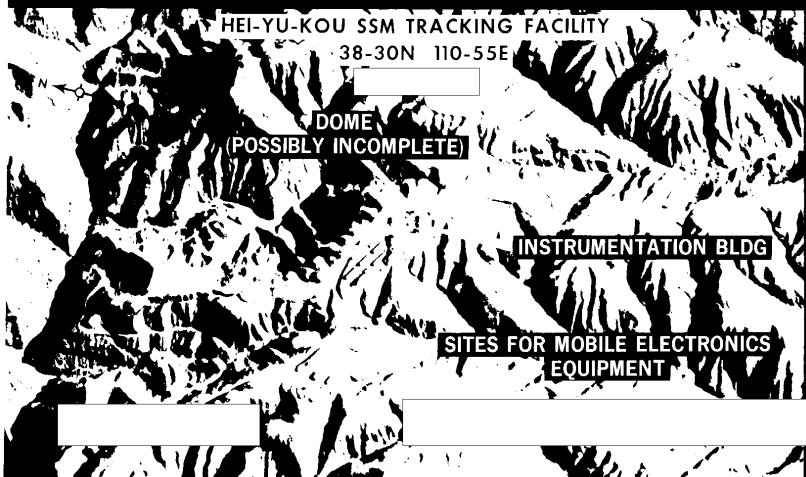
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